Position Title NASA's Pathways Intern Employment Program (Engineering Student Trainee)	**Organization** 5000 / APPLIED ENGINEERING & TECHNOLOGY DIR
NASA Announcement Number GS13P0010	**Vacancy Type** Case File
OPM Control Number / Status 337213000 / Posted *http://www.usajobs.gov/GetJob/ViewDetails/337213000*	**Salary Range** $44,176 - $74,628
Open Dates 02/06/2013 - 02/20/2013	**Pay Plan - Series / Grade (Low, High)** GS - 0899 / 07, 11
Position Information Multiple schedules / Internships	**Duty Location** 512564001 - Wallops Island, VA (Many)
Who May Be Considered Current students enrolled, or accepted for enrollment, in an accredited educational institution.	**Citizenship Required** True

Job Summary

The Applied Engineering & Technology Directorate (Code 500), located at the Wallops Flight Facility, is seeking GRADUATE students who have the core foundation of critical thinking, are self-motivated, and who work well with teams. Students will support experienced engineers and will engage in trainee experiences based upon the qualifications for the position. Assignment of students will be made to various organizations such as the: Mechanical Systems Division (Code 540); Electrical Engineering Division (Code 560); Software Engineering Division (Code 580); and the Mission Engineering and Systems Analysis Division (Code 590).

For more information visit http://aetd.gsfc.nasa.gov/. Also see http://www.nasa.gov/centers/wallops/home/index.html.

Comments

THIS ANNOUNCEMENT HAS BEEN AMENDED TO CHANGE THE CLOSING DATE FROM 2/12/2013 TO 2/20/2013.

To receive consideration, you must submit a resume and answer NASA-specific questions. The NASA questions appear after you submit your resume and are transferred to the NASA web site. If you successfully apply, USAJOBS will show your application status as 'resume received - complete.' If your status is 'Application Started,' you have not successfully applied. Do not rely on a USAJOBS email to confirm successful application only an email from NASA confirms a successful application.

TO RECEIVE CONSIDERATION, YOU MUST IDENTIFY ALL OF THE INFORMATION BELOW. INSERT THIS INFORMATION INTO THE REQUIRED FIELDS, IN THE EDUCATIONAL SECTION, OR WITHIN THE ADDITIONAL INFORMATION SECTION OF YOUR RESUME. FAILURE TO DO SO MAY PREVENT FURTHER CONSIDERATION.

EDUCATION section:
- school name
- degree/level attained
- completion date of degree attained or expected date of degree completion
- academic major/minor
- cumulative grade point average
- total credits earned

RELEVANT COURSEWORK box:
- relevant coursework related to the duties of the position
- current enrollment status (e.g., enrolled as of month/year)

IF THIS INFORMATION IS NOT PROVIDED, YOUR EDUCATION MAY NOT BE APPROPRIATELY EVALUATED AND YOU MAY LOSE CONSIDERATION FOR THIS POSITION. IF YOU ARE SELECTED FOR THIS POSITION, YOU WILL HAVE TO PROVIDE AN OFFICIAL COPY OF YOUR TRANSCRIPT PRIOR TO ENTERING ON DUTY.

Please be sure to review your resume on the Resume Review page once you have transferred to the NASA site. Ensure that the correct copy of the resume you have selected has been transferred from your USAJOBS account. If you fail to validate the information in your resume, you may not be appropriately evaluated for this position. Also, please be sure to review and complete the Supplemental Information questions.

If you are an individual with a disability and have questions regarding reasonable accommodation for the application or hiring process, please contact the Disability Program Manager by email at gsfc-disabilityprograms@mail.nasa.gov. Goddard Space Flight Center offers a wide array of reasonable accommodations and programs for individuals with disabilities including onsite sign language interpreters, readers, and is a participating agency with the Computer Electronics Accommodations Program.

(NOTE: For additional information for job seekers with disabilities, please click on the following website, https://www.opm.gov/disability/PeopleWithDisabilities.asp)

Marketing Summary

NASA, the world's leader in space and aeronautics is always seeking outstanding scientists, engineers, and other talented professionals to carry forward the great discovery process that its mission demands. Creativity. Ambition. Teamwork. A sense of daring. And a probing mind. That's what it takes to join NASA, one of the best places to work in the Federal Government.

Key Requirements

1. Must meet Pathways Program reqmts as documented in the Other Information
2. Must complete a pre-employment background investigation
3.
4.
5.

Total number of openings

Many

Major Duties

As a graduate Intern, you will work under the guidance of, and assist engineering professionals and/or non-technical personnel in progressively responsible duties which are related to your academic studies. You will perform complex tasks of a developmental nature in engineering disciplines such as Aerospace Engineering, Computer Engineering, Computer Science, Electrical Engineering, Electronics Engineering, Mechanical Engineering, and Physics.

Duties:

Mechanical Systems Branch (Code 548): Students will support tasks such as structural design and analysis, and mechanical systems integration and testing.

Electrical Engineering Branch (Code 569): Students will support the development of flight and ground instrumentation, communication and radar components, and data, power and/or pyrotechnic systems for WFF Expendable Launch Vehicle (ELVs) and payloads, sounding rockets, aircraft, balloons, small satellites, and ocean-borne payloads and conduct analyses as well as integration and verification/validation testing associated with products for the Suborbital and Special Orbital Project Directorate.

Software Engineering Branch (Code 589): Students will support the development of software applications and conducting of analyses related to Suborbital and Special Orbital projects.

Guidance, Navigation and Controls & Mission Systems Engineering Branch (Code 598): Students will support various flight and technology development projects including sounding rockets, balloons and small satellites.

General Qualifications

NASA Pathways candidates will meet the qualification requirements consistent with the NASA and OPM qualification standards applicable to the position being filled. Where appropriate, candidates will be required to meet NASA's Aerospace Technology (AST) qualification standards for the position(s) for which applying.

Educational Qualifications

Candidates must meet the following education requirements to qualify:

Minimum Requirements for GS-07: MUST have completed 4 academic years of post high-school study (or all the requirements) for a bachelor's degree and accepted into a master's program.

Minimum Requirements for GS-09: MUST have completed 1 academic year of masters level education or acceptance into a Doctoral program.

Minimum Requirements for GS-11: MUST have completed 1 year of Doctorate Level study or accepted into a doctoral Program (Research*).

*Qualification for this grade requires that the student trainee position involve research.

GRADUATE EDUCATION: If applicable, one academic year of graduate education is considered to be the number of credit hours that your graduate school has determined to represent one academic year of full-time study. Such study may have been performed on a full-time or part-time basis. If you cannot obtain your graduate school's definition of one year of graduate study, 18 semester hours (or 27 quarter hours) should be considered as satisfying the requirement for one year of full-time graduate study.

RELEVANT COURSEWORK:

Mechanical Systems Branch (Code 548): Coursework related to the study of structural design and analysis, and mechanical systems integration and testing is preferred.

Electrical Engineering Branch (Code 569): Coursework in Analog and Digital Circuit Theory, Microelectronics, and/or Communications, VHSIC Hardware Description Language (VHDL)/Application Specific Integrated Circuits (ASIC)/Field Programmable Gate Arrays (FPGA), Power Systems, RF/Microwave/Millimeter Waves, Electromagnetic Theory, Antennas is preferred.

Systems Software Engineering Branch (Code 589): Coursework in computer science, software engineering, and/or mathematics that supports the study of software applications and analyses is preferred.

Guidance, Navigation and Controls & Mission Systems Engineering Branch (Code 598): Coursework in aerospace, mechanical or electrical engineering that supports the study of flight and technology development is preferred.

Requirements

U.S. Citizenship required.

How You Will Be Evaluated

Candidates will be assessed either based solely on basic eligibility requirements or may include a qualitative rating of candidates. NASA Pathways candidates will meet the qualification requirements consistent with the NASA and OPM qualification standards applicable to the position being filled. Where appropriate, candidates will be required to meet NASA's Aerospace Technology (AST) qualification standards for the position(s) for which they are applying. Veterans' preference applies to all selections made under the Pathways authority in accordance with Part 302 of 5 CFR. Candidates who meet the minimum qualification requirements need not be further evaluated; however, if no further evaluation is done, qualified veterans have absolute preference. If candidates are further evaluated using NASA's category rating process, qualified veterans have absolute preference within the appropriate category.

Benefits

NASA offers excellent benefit programs and competitive salaries. To learn more about pay and benefits at NASA, visit the <href=http://nasajobs.nasa.gov/benefits/benefits.htm target=_blank> NASA Jobs website.

Other Information

The position(s) will be filled under the NASA Pathways Intern Employment Program (IEP). This program is for current students and individuals accepted for enrollment in a qualifying educational program. The NASA Pathways IEP provides students with paid opportunities to work and gain valuable on-the-job training and experience while still in school. This program further exposes students to jobs in the Federal civil service by providing meaningful development work at the beginning of their career, before their careers paths are fully established.

The following Pathways program and educational requirements listed below MUST be met in order to qualify for this position:

- Must be enrolled, or formally accepted for enrollment, and seeking a degree (e.g. diploma or certificate) on a full or half-time basis in an accredited educational institution. (NOTE: Enrollment in a certificate program is valid if pursuing a post-secondary education equivalent to at least one academic year of full-time study that is part of an accredited college-level, technical, trade, vocational, or business curriculum.)
- Must maintain at least an overall 2.9 GPA or higher on a scale of 4.0.
- Must sign a Pathways Internship Program Participant Agreement which, in part, requires you to: furnish course registration information at the start of each school term; provide verification of academic status (transcript) at the end of each academic term; and complete your educational program within specified timeframes in accordance with NASA's Pathways Intern program requirements.

NOTE: Students must be able to complete 640 hours of work experience prior to completing degree requirements in order to receive consideration for conversion to a permanent or term position. Conversion is at the option of the Agency and students who successfully complete all education, work and other eligibility requirements of the program may be considered for conversion upon completion of degree requirements. Conversion is not guaranteed.

Any applicant tentatively selected for this position may be required to undergo a pre-employment background investigation. As a condition of employment, male applicants born after December 31, 1959, must certify that they have registered with the Selective Service System, or are exempt from having to do so under the Selective Service Law.

Your USAJobs account asks you to assign a name to each of your resumes. When you apply to a NASA position, we will show you the text of the resume you have submitted, but we do not maintain the name you have assigned to that resume. If you wish to keep track of that information, we recommend you make note of it at the time you apply.

In order to receive preference in hiring, you must clearly identify your claim for veteran's preference on your resume. NASA's Applicant Guide provides the information needed to assist you in determining whether or not you can claim 5 or 10 point veteran's preference.

Relocation expenses are not authorized.

How to Apply

This vacancy is being filled through NASA STARS, an automated Staffing and Recruitment System. NASA partners with USAJOBS in providing a seamless application process. Before you begin the application process, please read the vacancy announcement carefully and have all required information available. You may begin the process of submitting your resume by clicking on the 'Apply Online' link.

In order to be considered, you must submit a resume completed on the USAJOBS site.

TO RECEIVE CONSIDERATION, YOU MUST IDENTIFY ALL OF THE INFORMATION BELOW. INSERT THIS INFORMATION INTO THE REQUIRED FIELDS, IN THE EDUCATIONAL SECTION, OR WITHIN THE ADDITIONAL INFORMATION SECTION OF YOUR RESUME. FAILURE TO DO SO MAY PREVENT FURTHER CONSIDERATION.

EDUCATION section:
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When completing your USAJOBS resume, please remember that NASA limits resumes to the equivalent of approximately SIX typed pages, or approximately 22,000 characters including spaces. You will NOT be allowed to complete the application process if your resume is too long or if your resume was uploaded to USAJobs from a second source. Additionally, NASA does not accept documents attached through USAJobs' document attachment feature.

Once you submit your resume to NASA, you will be asked to complete a short series of additional questions. You must finish the entire process in order to have a complete application package and receive consideration. Your answers will not be saved unless you finish the entire application.

You may edit a previously-submitted application, if the announcement is still open. For more information, see the Applicant Guide.

If you are unable to apply electronically for this position, submit your resume and supplemental questions to: National Aeronautics and Space Administration (NASA), Resume Operations Center, Mailstop: HS50, Marshall Space Flight Center, AL 35812. DO NOT submit your resume directly to the Center advertising this vacancy. Mailed resumes must be received by the close of business on the closing date of the announcement. Hard copy resumes requirements are provided at: Hard Copy Resume Requirements.

If you are a first time applicant, we recommend that you review NASA's Applicant Guide to ensure that you are providing a complete resume. Failure to submit the supplemental data and a resume that contains all of the required information may result in loss of consideration for positions in which you are interested.

All applications must be received no later than midnight Eastern Time on the closing date of the announcement.

Required Documents

NASA's application process has been specifically developed to ensure that we only ask you for the information we absolutely need to evaluate your qualifications and eligibility. In order to apply for this position, you only need to submit your resume as outlined in the "How to Apply" section and answer the screening questions and supplemental information.

No additional documentation is accepted at the time of application. (For example you need not submit narrative KSA statements; they are not required and will not be evaluated.) In this way we allow you to focus on preparing a resume that best describes your background and abilities. For assistance in preparing your resume, consult the Applicant Guide https://resume.nasa.gov/applicant_guide.html). Nothing further is required until requested by the Human Resources Office. At that point, we may ask you to submit documentation to support statements made in your resume. For example, we may ask you to provide academic transcripts or proof of Federal employment status. If you are claiming veterans' preference, we may ask you to submit proof of veterans' preference (DD-214, and, if claiming 10-point preference, SF-15 plus proof required by that form). If you fail to provide the required documents within the stated time period, we may withdraw a job offer and/or remove you from further consideration.

Contact

GSFC Pathways Programs / 301-286-3691 / GSFC-StudentJobs@nasa.gov

What to Expect Next

After applying, and if you are found qualified, you may be referred to the Selecting Official for further consideration. Whether or not you are contacted for an interview depends upon the location of the position and the judgment of the Selecting Official. (In some cases, individuals with priority for special consideration must be considered and selected before other candidates.)